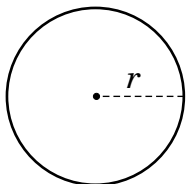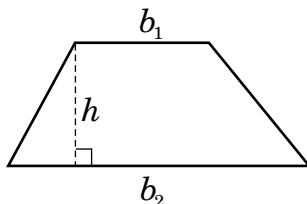# Reference Information

The following information is for your reference.

Note: Figures in this test are drawn as accurately as possible, except when the problem states specifically that the figure is not drawn to scale.
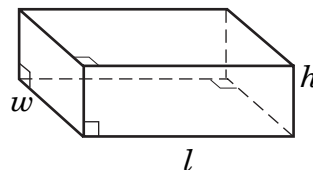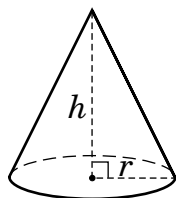
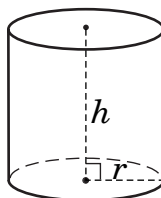$C = 2\pi r$

$A = \pi r^2$

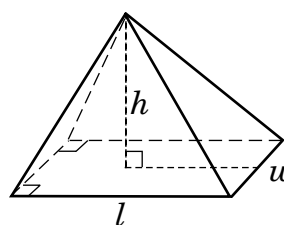$A = \frac{1}{2}h(b_1 + b_2)$

$V = lwh$

$SA = 2hl + 2hw + 2lw$

$V = \frac{1}{3}\pi r^2 h$

$SA = \pi r^2 + \pi r\sqrt{r^2 + h^2}$
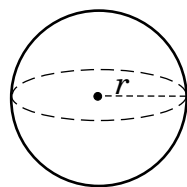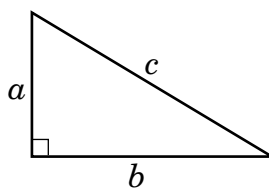
$V = \pi r^2 h$

$SA = 2\pi r^2 + 2\pi rh$

$V = \frac{1}{3}lwh$

$V = \frac{4}{3}\pi r^3$

$SA = 4\pi r^2$

Pythagorean Theorem
$a^2 + b^2 = c^2$

$\pi \approx 3.14$ or $\frac{22}{7}$